



ZIMBABWE EZEKIEL GUTI UNIVERSITY

COLLEGE FOR LIFELONG EDUCATION

FACULTY OF SCIENCE, TECHNOLOGY, AGRICULTURE AND FOOD SYSTEMS

EXAMINATION PAPER

MODULE CODE : DSMS111
MODULE TITLE : Introduction to Environmental Safety and Health in Mining
DURATION : 2 Hours
LEVEL : 1:1 28 NOV 2024
DATE :

INSTRUCTIONS TO CANDIDATES:

1. Question **Number 1** in **Section A** is **compulsory**.
2. Answer any other **ONE (1)** question from section B.
3. Each question carries twenty-five (25) marks
4. Number of marks for part questions are shown in brackets
5. Start each question on a new page
6. This paper consists of two (2) pages

Section A: Compulsory

Question 1

Develop a workplace emergency preparedness plan for any one identified risk at a named mine of your choice. (25 marks)

Section B: Answer any one (1) questions from this section

Question 2

Identify the pillars of an environment and discuss their interrelationships for a mining company like Freda Mine. (25 marks)

Question 3

- a. Discuss the principles of environmental safety and health (10 marks)
- b. Identify the types of hazards and risks common with mining activities and give suitable control strategies. (15 marks)

Question 4

Develop a comprehensive risk register for a named mining company of your choice. (25 marks)

THE END

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